

In the Claims

1. (Previously Presented) A method of supervising personal exposure to a consumer electronics device having a V-chip, the method comprising:  
  
receiving a program signal suitable for conversion by the consumer electronics device into user discernible information;  
  
receiving a content-based indicator indicative of the content of the user discernible information and timing information indicative of a reference time;  
  
selecting a content-based specification and a first finite time range specification associated with the selected content-based specification;  
  
comparing the first finite time range specification with the reference time;  
  
allowing user review of user discernible information without user input or comparison of received content-based indicator with a content-based specification if the reference time is outside the first finite time range specification;  
  
comparing the selected content-based specification with the received content-based indicator when the reference time falls within the first finite time range specification; and  
  
impairing the program signal if the received content-based indicator exceeds the content-based specification.
2. (Original) The method of claim 1, wherein the content-based indicator is carried by the program signal.
3. (Original) The method of claim 1, wherein the content-based indicator

and the timing information are carried by the program signal.

4. (Original) The method of claim 1, wherein the timing information is generated within the consumer electronics device.
5. (Original) The method of claim 1, wherein the reference time indicated by the timing information is the current time.
6. (Original) The method of claim 1, wherein each of the received content-based indicator and the selected content-based specification is a rating.
7. (Previously Presented) The method of claim 6, further comprising generating a block control signal if the received rating exceeds the selected rating.
8. (Original) The method of claim 1, wherein each of the received content-based indicator and the selected content-based specification is a subject matter category.
9. (Previously Presented) The method of claim 8 further comprising generating a block control signal if the received content-based indicator subject matter category matches the selected subject matter category.
10. (Previously Presented) The method of claim 1, further comprising

generating a control signal based on the comparison between the content-based specification and the received content-based indicator, wherein the control signal is a block control signal if the received content-based indicator exceeds the content-based specification, and wherein the program signal is impaired in response to the block control signal.

11. (Previously Presented) The method of claim 10, wherein the program signal is blocked in response to the block control signal.

12. (Original) The method of claim 1, wherein the consumer electronics device is a television system and the user discernible information comprises audio/video information.

13. (Previously Presented) A method of supervising the exposure to a consumer electronics device having a V-chip, the method comprising:

receiving a program signal suitable for conversion by the consumer electronics device into user discernible information;

receiving a content-based rating indicative of the content of the user discernible information;

receiving a timing signal indicative of a reference time;

selecting one or more finite time range specifications,

selecting a content-based rating specification for each of the one or more finite time range specifications, wherein a content based rating specification is associated with

each of the one or more content-based rating;

comparing the one or more finite time range specifications with the reference time;

allowing user review of user discernible information without user input or comparison of received content-based indicator with a content-based specification if the reference time is outside the first finite time range specification;

comparing the received content-based rating when the reference time falls within a finite time range specification of the one or more finite time range specifications with the content-based specification associated with the finite time range specification; and

impairing the program signal if the received content-based rating exceeds the content-based rating associated with the finite time range specification.

14. (Original) The method of claim 13, wherein the program signal is impaired by scrambling the program signal.

15. (Original) The method of claim 13, wherein the program signal is impaired by blocking the program signal.

16. (Previously Presented) The method of claim 13, wherein the one or more selected time range specifications repeats for each day of a workweek.

17. (Previously Presented) The method of claim 1, further comprising:  
selecting a second content-based rating specification and a second finite time

range specification, the second finite time range specification associated with the second content-based rating, wherein the second content-based rating is different from the first content-based rating.

18. (Previously Presented) The method of claim 1, further comprising:

selecting a second finite time range specification associated with the first content-based rating specification, wherein the second finite time range specification is different from the first finite time range specification.

19. (Previously Presented) A recordable medium for a consumer electronics device having a V-chip comprising:

a computer program comprising steps for:

receiving timing information indicative of a reference time and a content-based indicator indicative of the content of the user discernible information into which a program signal received by the consumer electronics device is converted;

selecting a content-based rating and a finite time range specification associated with the selected content-based specification;

comparing a finite time range specification with the reference time;

disabling the V-chip without user input if the reference time is outside the finite time range specification;

comparing the selected content-based specification with the received content-based indicator when the reference time falls within the finite time range specification; and

generating a control signal based on the comparison between the selected content-based specification and the received content-based indicator.

20. (Original) The recordable medium of claim 19, wherein each of the received content-based indicator and the selected content-based specification is a rating.

21. (Previously Presented) The recordable medium of claim 20, wherein the control signal is generated if the received rating exceeds the selected rating.

22. (Original) The recordable medium of claim 19, wherein each of the received content-based indicator and the selected content-based specification is a subject matter category.

23. (Previously Presented) The recordable medium of claim 22, wherein the control signal is generated if the received subject matter category matches the selected subject matter category.

24. (Original) The recordable medium of claim 19, wherein the control signal is generated to impair the program signal.

25. (Previously Presented) A consumer electronics device having a V-chip for supervising personal exposure to user discernible information, comprising:

a non-volatile memory configured to store a first finite time range specification

and a first content-based specification associated with the first finite time range specification;

a logic unit coupled to the non-volatile memory and being configured to compare a received reference time with the first finite time range specification and to disable the V-chip without user input if the reference time is outside the first finite time range specification, and to compare a received content-based indicator with the first content-based specification when the reference time falls within the first finite time range specification, the logic unit further configured to selectively generate one of a first and a second control signals in response to the comparison between the content-based indicator and the first content-based specification; and

a signal impairment mechanism coupled to the logic unit and configured for, based on the control signals, selectively passing a received program signal therethrough without substantial impairment or impairing the program signal.

26. (Original) The consumer electronics device of claim 25, further comprising an output device coupled to the signal impairment mechanism for transforming the program signal into the user discernible information.

27. (Previously Presented) The consumer electronics device of claim 25, further comprising a data entry system for selectively inputting the first content-based specification and associated first finite time range specification into the non-volatile memory for storage.

28. (Original) The consumer electronics device of claim 25, wherein the non-volatile memory includes a look-up list for storing a plurality of content-based specifications and associated finite time range specifications.

29. (Original) The consumer electronics device of claim 25, wherein the program signal carries the content-based indicator and reference time, and further comprising a data extraction device coupled to the logic unit for extracting the content-based indicator and reference time from the program signal.

30. (Original) The consumer electronics device of claim 25, wherein the signal impairment device is a switch.

31. (Original) The consumer electronics device of claim 25, wherein the output device is a television system audio/video output device.

32. (Previously Presented) The method of claim 1, wherein the content-based specification and the finite time range specification are selected by a user of the consumer electronics device by inputting the content-based specification and finite time range specification into the consumer electronics device.

33. (Previously Presented) The method of claim 1, wherein the content-based specification and the finite time range specification are selected by a user of the consumer electronics device by selecting a content-based specification and finite time range



specification pre-programmed by the manufacturer of the consumer electronics device.

34. (Previously Presented) The consumer electronics device of claim 25, wherein the first content-based specification and the first finite time range specification are pre-programmed by the manufacturer of the consumer electronics device, and further comprising a data entry system for selecting the pre-programmed content-based specification and finite time range specification.

35. (Previously Presented) The consumer electronics device of claim 25, wherein the first control signal is generated if the content-based indicator is within an allowable range of indicators defined by the first content-based specification and wherein the second control signal is generated if the content-based indicator is outside the allowable range of indicators.

36. (Previously Presented) The consumer electronics device of claim 35, wherein the first control signal is usable to disable the V-chip.

37. (Previously Presented) The method of claim 17, wherein allowing user review of user discernible information without comparison of received content-based indicator with a content-based specification further comprises allowing user review of user discernible information without comparison of received content-based indicator with a content-based specification if the reference time is outside the first and second finite time range specifications.

38. (Previously Presented) The method of claim 37, further comprising comparing the second selected content-based rating with the received content-based rating when the reference time falls within the second finite time range specification.

39. (Previously Presented) The method of claim 38, further comprising impairing the program signal if the received content-based rating exceeds the second selected content-based rating.

40. (Previously Presented) The method of claim 18, wherein allowing user review of user discernible information without comparison of received content-based indicator with a content-based specification further comprises allowing user review of user discernible information without comparison of received content-based indicator with a content-based specification if the reference time is outside the first and second finite time range specifications.

41. (Previously Presented) The method of claim 40, further comprising comparing the selected content-based rating with the received content-based rating when the reference time falls within the second finite time range specification.

42. (Previously Presented) The consumer electronics device of claim 25, wherein the non-volatile memory is further configured to store a second finite time range specification and the logic unit is further configured to compare the received reference

time with the second finite time range specification and to disable the V-chip if the reference time is outside the first and second finite time range specifications.

43. (Previously Presented) The consumer electronics device of claim 42, wherein the second finite time range specification is associated with the first content-based specification.

44. (Previously Presented) The consumer electronics device of claim 42, wherein the non-volatile memory is further configured to store a second content-based specification associated with the second finite time range specification and the logic unit is further configured to compare the second content-based specification with the content-based indicator and selectively generate one of the first and second control signals in response to the comparison between the content-based indicator and the second content-based specification, wherein the second content-based specification is different from the first content-based specification.

45. (Previously Presented) The recordable medium of claim 19, wherein the step of disabling the V-chip includes generating a control signal if the reference time is outside the finite time range specification, wherein the control signal is generated to allow the program signal to pass un-impaired.

46. (Previously Presented) The recordable medium of claim 25, wherein disabling the V-chip includes the Logic Unit being further configured to generate

a control signal if the reference time is outside the first finite time range specification,  
wherein the control signal is generated to allow the program signal to pass the signal  
impairment mechanism un-impaired.